Synonymy.

H. deshayesii (Morelet). This species appears to have been overlooked by all writers on the genus. I learn, however, from its author that it is identical with *H. biplicata* (Newc.).

H. luteola (Fér.). This is the only one of the early described species which remains unidentified. It was described by Férussac from the specimens collected at our islands by M. Quoy. It will be observed that all the species collected by him are from the island of Oahu. A variety of *H. turritella* (Fér.) agrees, as to colour and other characters, with the description of M. Deshayes especially; and we have placed it consequently as a synonym of this species.

H. mœsta (Newc.) inhabits the island of Lanai, in company with *H. obscura* (Newc.), of which it is a small variety.

H. citrina (Migh.) varies from *H. venusta*, Migh., only in being of a plain uniform yellowish colour. This species also occurs of a uniform slate- or occasionally olive-colour. Most of the specimens are ornamented with black reticulated lines, more usually confined to the spire; occasionally, however, the whole shell is densely covered with black markings.

H. bacca (Rve.) is a variety of *H. abbreviata* (Rve.), of smaller size, and of uniform colour.

H. polita (Newc.) inhabits the island of Molokai, in company with *H. bella* (Rve.), from which it varies only in the disposition of its colours. This species passes through more variations of colour and shape than have been noted heretofore. It may be always distinguished by its purple-tinted columella.

13. On the Cervine Animals of the Island of Hainan (China). By Robert Swinhoe, F.Z.S.

I have brought with me from Hainan the horns and skins of three species of Deer (a *Cervulus*, a *Panolia*, and a *Rusa*), which, with Mr. Gerrard's kind assistance, I have compared with specimens in the British Museum.

1. The *Cervulus* I have identified with the *C. vaginalis* of India. But, of the seven flat skins I procured, only one has the head skin remaining. From the frontal markings on this no doubt is left as to the Hainan species being the Indian, and not *C. reevesi* of China as one would rather have expected it to be. The forehead of this specimen is rich chestnut, with two tufts of black hair, about $\frac{3}{4}$ inch in diameter each, set between the eyes but in rear of their line. Its upper parts are bright chestnut, deeper along the back, and yellower on the sides; under parts brighter-coloured, whitish on the throat and under neck. Its short tail is rich chestnut above, pure white below. In one or two of the skins the fore leg from the shoulder to the knee is strongly tinged with black.

Judging from my own skins and the specimens in the Museum, *Cervulus vaginalis* attains a much larger size (say one-third) than *C. reevesi*. It is of a darker and richer colour, and is at once distinguished by the two round black tufts on the forehead. In *C. reevesi* these tufts are replaced by black lines, with a longer black line starting between the ears and running along the back of the neck to the shoulder.

I have two pairs of horns of the *Cervulus* from Hainan. The one I take to have belonged to a two-year-old. In this the brow-antler is a tine set inwards of the front of the beam. Total length of horn $3\frac{1}{4}$ inches, cleft from base 1, brow-tine from cleft $\frac{1}{2}$. The horn bends inwards at its tip; it is mounted on a long bony pedicle $2\frac{1}{2}$ inches long. Breadth between bases of bony pedicles $2\frac{1}{8}$ inches, between horns at base $3\frac{3}{4}$, between horns at tips $4\frac{3}{4}$.

The second pair belonged to an older animal, I should say a 3–4-year-old. In this the brow-antler is set more inwards still. The horn measures $4\frac{1}{2}$ inches, its bony pedicle $1\frac{1}{8}$; breadth between the latter at bases $2\frac{1}{4}$, between horns at bases $3\frac{1}{2}$, between horns at tips $3\frac{7}{8}$; circumference of horn at base $2\frac{1}{8}$. As the animal grows older the bony pedicle shortens and thickens, and, as shown by these two cases, the horns grow more parallel.

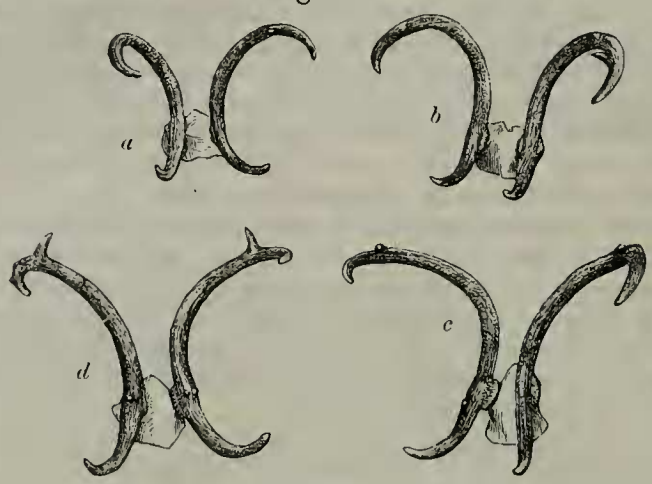
Mr. Blyth agrees with me in my identification of the Hainan Muntjac. He writes, "Your Hainan *Cervulus* is of the species inhabiting all India, with Ceylon, Indo-China, Malacca, and Sumatra, as distinguished from that of Java."

In a native work, containing some notes on the natural productions of Hainan, no difference is recognized between this and the ordinary Chinese species, *C. reevesi*. The work alludes to it as "the *Chang*, like a small deer, but more elegant. The male is the *Keun*, the female the *Yu*. Delights in a display of colours. The hunters flourish before it rags of brilliant colours, and it stops to stare at them." The *C. vaginalis* is known to the Hainanese as the *Hwangkia*, and under that name is spoken of as distinct from the *Chang* in the above Chinese work. The note on the *Hwangkia* is as follows:—"Large as a dog, has horns, and is in form a good deal like a Deer. Its flesh, when sliced and dried, is in taste somewhat similar to that of the Deer." The cry of this species is very like the short bark-like grunt uttered by *C. reevesi*.

2. The Hainan *Panolia* agrees with the *Cervus eldi* of Burmah and Siam. I have five pairs of horns and two odd ones, and the skin of a female in summer coat, and one of a fawn. The skin of the fawn is of a rich chestnut, deeper, with black hairs intermingled, on the back. A line of indistinct yellowish spots runs along either side of the dorsal centre from the shoulders to the tail, and a few more of similar spots occur in rear of shoulder-blade and about the hip-joint. The breast-girdle is brown. Between the fore legs and hind legs is pure white, the white running down the inner centre of the hind legs to below the shank; the under part of the tail and between the buttocks are also pure white; a dark brown line passes down the front of the fore legs. The female skin answers well to the skin of the buck, in summer dress, that died in the Society's Gardens

and is now in the British Museum, except that its hair is shorter and white spots are disposed in two lines, one on either side of the dorsal ridge, from the shoulders to the tail. The skin from the Gardens has no white spots; but *Cervus dimorphe* of Hodgson, also in the Museum, and without doubt a male *Panolia*, shows a few scattered spots.

Fig. 1.



Cervus eldi.

a, *b*. Second year. *c*. Third year. *d*. Fourth year.

Two pairs of my antlers (fig. 1, *a* & *b*) are of animals of about the same age; I think, the second year. Both of these have the brow-antler, but a postlateral snag only on the left horn. The brow-antlers appear to acquire their full proportionate growth at this stage, but the growth of the postlateral snag is irregular. The beams of the horns lean backwards from their base, and at first approach one another, and then, widening their distance apart, they curve well forward, the points falling short of the vertical line from the long brow-antler tips. The brow-antlers start forward, downwards, and outwards from the base, and curve upwards from the middle of their length, their tips inclining inwards; on a side view they form, with the shaft, two-thirds of a circle.

In a five-year old (fig. 2, p. 655) the postlaterals have lengthened and become lateral, and a diminutive snag or two show themselves near the points. In a three-year old (fig. 1, *c*) the beams are spread out much more laterally; on the left horn the postlateral occurs as a diminutive snag; on the right horn two together, and on the right brow-antler, near its base, is also a small snag.

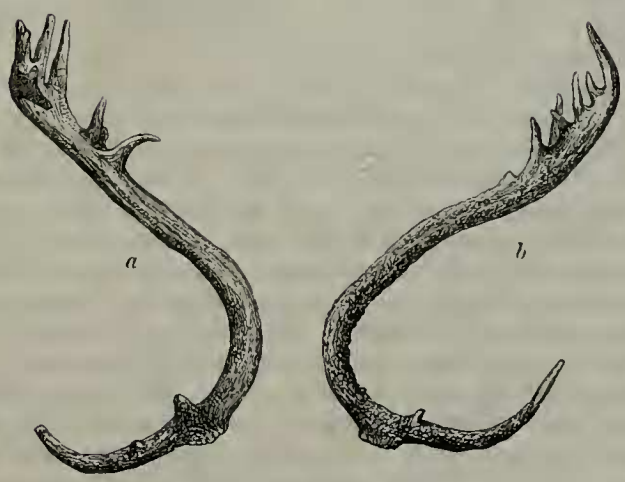
In another, somewhat larger and probably a year older (fig. 1, *d*), the postlateral snags are well determined; each brow-antler has a small snag near its base, and the points have—the right one two snags and the left one one. Then in order comes the five-year old, on which I have before remarked.

Next I have two odd horns of still older animals, differing greatly in their curve. The smaller one is thicker, has one good-sized snag

Fig. 2.

Cervus eldi. (Fifth year.)

Fig. 3.



Cervus eldi.

at base of brow-antler; the postlateral snag fully developed, with two diminutive tines together in rear of it. The point is greatly flattened and forked on giving off a snag from above with a pimple-like tine lower on the same surface. In the larger of the old horns the snag at the base of the brow-antler is diminutive; the postlateral snag small, the point somewhat flattened, with two small tines on its upper edge, near the postlateral, and a larger tine higher up, making a fork with the tip. I exhibit two somewhat similar horns (fig. 3, *a*, *b*), perhaps of animals still more aged.

I conclude that the typical horn is free from all snags except the postlateral, which itself is of uncertain growth.

A pair of antlers in the British Museum tally with my five-year old; but most of the horns there are large and of more adult

animals. They have none so young as my first four; but the same irregularity of the growth of tines and snags and the variability of the horn obtains among them.

My old single horns, with flattened tips, afford connecting-links between those of *Panolia acuticornis*, Gray, from Pegu, and of *P. platyceros*, Gray, from Siam.

Mr. Blyth is of opinion that "the Hainan *Panolia* is identical with that of Siam (*P. platyceros* of Gray), the distinction from the other, or western form, being apparent as the horns increase in size."

The Chinese do not value the hide of the *Panolia*, as they consider it too thin for useful purposes. They are therefore rarely brought from the mountains, and I had much difficulty in procuring the skins above referred to. The Chinese destroy this Deer, as they do all others, for the young horn. The native work on Hainan makes no distinction between this and other spotted Deer. It simply gives, "Deer (spotted). The male is the *Kia*, the female the *Yew*, the fawn the *Me*. Its young horns are like pink brinjals, three or four inches in length, and lovely fresh red; but in a very short time their tops decay and their bases get dry. If you break one it is like hard wood inside. These horns are called 'pink horns,' and are not equal to the product of Szechuen." This Deer is called *Liak* in the Hainan dialect.

3. Of the Hainan Sambur I have three pairs of horns, and the skins of a male and female, both adult, in winter coat. The skin of the male has coarse and stiffish hair, which is softer in the female. The former has blackish-brown on the forehead and between the horns, fading into a brown line along the back of the neck, which broadens and blends away along the back. In the female the neck-hair is shorter and the line more distinct. General colour of the male skin umber-brown, deeper on the back. Fore legs deeper-coloured on the outer surface, buff-white on the under and between the legs. Breast with softer and more woolly hair, of a blackish umber-brown. Belly, under hind legs, and buttocks white. The upper hair terminates at the buttocks and thighs with chestnut, which is followed by the white of the under sides. Hind legs deep umber, white on their inner sides. Hair of the hind neck and back with light brown basal halves; that of the sides with white bases, which gives a grizzly appearance in some lights.

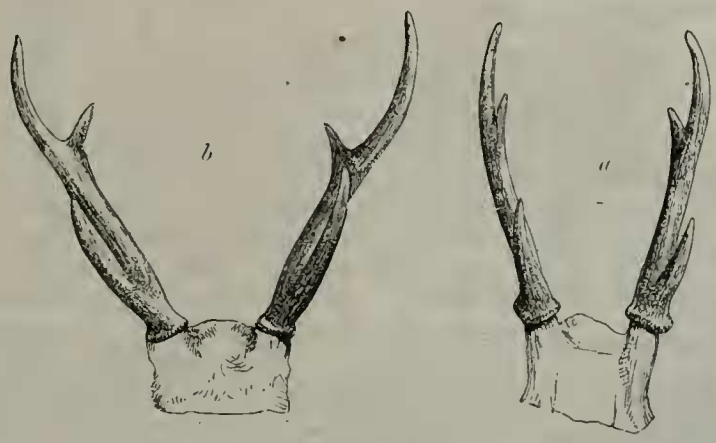
The female fur is softer and of a more uniform colour, with a wash of chestnut, which is rather darker and richer on the rump. The white on the under parts is disposed as in the male.

The male skin measures, from behind the horns to the root of the tail, 4½ feet, the female skin 3 feet 8 inches. The grizzled appearance of the fur struck me at once as peculiar, and I felt sure that I had got a Sambur different from the dark Formosan race. In this respect it is very similar to the skins of the Indian Sambur, but approaches the *C. rusa* of Java in the whiteness of the under parts.

My three pairs of antlers, which are of different ages, are all characterized by having the hind prong of the apical fork short. The youngest pair (fig. 4, *a*) I take to have belonged to an animal of two years, the second pair (fig. 4, *b*) to an animal of three years, and the

third pair (fig. 5) to an animal of, say, five years. They all have brow-antlers and a postlateral snag below the point of the main beam. The youngest pair incline away from one another at a very slight angle, being $3\frac{1}{4}$ inches apart at the base and 7 inches between the upper forks; the points stand 8 inches apart. The right horn measures $13\frac{1}{2}$ inches in length, the left horn $12\frac{1}{2}$. Their circumference

Fig. 4.



Sambur from Hainan.
a. Two years old. *b.* Three years old.

Fig. 5.

Sambur from Hainan. (Five years old.)

at base of beam is $5\frac{1}{4}$, at middle of beam $3\frac{1}{2}$. The brow-antler inclines outwards, and measures from the cleft $1\frac{3}{4}$ inch; the postlateral snag a little inwards, and measures from its cleft $1\frac{1}{4}$; the point from upper cleft $3\frac{3}{4}$. From the brow-cleft to base of horn is $3\frac{1}{8}$, and the bony pedestal below is high, and inclines forwards and

then backwards. The beam inclines backwards and upwards, and then curves gradually forwards and sidewards.

In the three-year pair the bony pedicle sinks in height, and the brow-antler lengthens greatly, making a deeper cleft; the horns incline from each other at a much greater angle; the hind snags lengthen and become more lateral, and the points are much larger; the beam the while remains much the same in length and thickness.

The measurements are—

	inches.
Total length of horn	$14\frac{1}{2}$
Length of brow-antler from cleft	$6\frac{5}{8}$
——— of cleft to base of horn	$2\frac{1}{8}$
——— of upper cleft to point	$6\frac{3}{8}$
——— of postlateral snag	$2\frac{1}{4}$
Distance apart at base of horn	$3\frac{3}{4}$
——— below upper cleft	$10\frac{1}{2}$
——— of brow-antlers	11
——— at tips	$16\frac{1}{2}$
——— of hind snags	$10\frac{1}{4}$

In the five-year old the horns are in every way larger and longer; the brow-antlers and the points are much lengthened, and curve inwards. The postlateral snags become still more lateral, and a rudimentary tine shows itself on the inner side of the right brow-antler, near the cleft.

Measurements.

	inches.
Total length of horn	18
Length of brow-antler from cleft	$8\frac{1}{2}$
——— of cleft to base of horn	$2\frac{1}{2}$
——— of upper cleft to point	$7\frac{3}{4}$
——— of postlateral snag	4
Distance apart at base of horns	$4\frac{1}{2}$
——— below upper cleft	$12\frac{3}{4}$
——— of brow-antlers	$11\frac{1}{2}$
——— at points	12
——— of hind snags	9
Circumference at base of beam	$5\frac{7}{8}$
——————— at centre	4

The horn of the typical Sambur (*C. aristotelis*), of which there is a large series in the British Museum, is well marked by having the hind snag of the apical fork prolonged into the main prong, while the fore snag is reduced into a secondary position; this character seems to hold good throughout the series. But the Museum has also horns from unknown localities, which resemble our Hainan specimens in the shortness of the hind snag and the prolongation of the fore snag; and in Mr. Flower's possession I have seen horns which agree closely with mine. Mr. Flower's specimens were received from Mr. Blyth, but, unfortunately, it is not known in what part of India they were collected. The horns of the Formosan Sambur (*C. swinhoii*) are of much the same form as those of the Hainan race,

but are stouter in the beam, while those of *C. rusa* of Java approximate to those of the typical Sambur. I am led to the conclusion that the Hainan race is distinguishable from the Sambur of India proper (*C. aristotelis*) by the shape of its horns at their apical bifurcation and by its smaller size, and from the *Cervus swinhoii*, Sclater, of Formosa, by the longer and less robust beam of horn, and by the different coloration of the fur; and I believe it to be identical with the *Cervus equinus*, Cuv., of Sumatra and Borneo, a good figure and description of which are given by S. Müller in the 'Verhandelingen,' Zool. p. 213, pl. 42.

Mr. Blyth was so good as to inspect my horns from Hainan, and has written to me the following:—"As for the Sambur horns, I consider *Cervi equinus, aristotelis*, and *hippelaphus* to be one and the same, though showing some local differences, as is equally the case with horns of *C. elaphus*. Eastwards of the Bay of Bengal the animal seems to be smaller, and more or less nigrescent in Borneo, less so in Malacca and Sumatra than in Borneo, but always different from *C. rusa* of Java, of which *C. moluccensis* is a diminutive, and *C. timoriensis* a further diminutive. *C. swinhoii* of Formosa holds the same relation to *C. hippelaphus* as *C. taivanus* to *C. mantchuricus*, and *C. moluccensis* to *C. rusa*."

The Sambur is an abundant species on the jungly mountains of the southern half of Hainan; and large numbers are yearly slaughtered by the independent *Le* tribes, and the skins and horns bartered to the Chinese. The skins are carried to the capital city, where the hair is planed off, and are then exported as raw hides to Canton.

The only time I saw the Hainan Sambur in its live state was on the 19th March, at Nychow (S. Hainan). We had scrambled through the jungle near the shore on to an open hill. Beyond us and the mountain was a deep ravine, with a stream trickling through it. We stopped to rest on the hill-top overlooking the ravine, when, on the opposite side, passing up from the streamlet, we noticed a fine hornless buck and two doe Sambur. They did not observe us, but continued lazily upwards, nibbling off the leaves of bushes as they went. We crossed the ravine and ascended to the edge of an open greensward, which the deer had already gained. At the further corner of the sward, about 60 yards off, with jungle in rear of them, they stood staring at our intrusion. My comrade bustled up behind with his gun, and they took alarm. The buck stamped his foot and uttered a loud half grunt, half scream, and they all charged into the thicket. After they had attained a height on the hill, the noise of the crushing and cracking of the brush before them ceased, as if they had stopped to have another look at us; but the noise was soon resumed, until they were too far off to be heard.

This Deer is called by the Hainanese *Twabé*, or Mountain Horse. The Chinese work has the following remarks on the species:—"The ancients say it is like a Deer, but larger, and assembles in herds of a hundred or more. Its horns bend backward, and are without tines. Its hair is like that of the Mountain-Cow. Below its eyes are two other eyes, which close in the day and open at night. It delights

to enter thorny thickets. The *Le* people procure them, and barter their hides for cloth. The hides are good for sleeping upon, as they protect against the damp ground."

4. This allusion to the "Mountain-Cow" induces me to extract the observations in the same Chinese work on that animal. After mentioning domestic cattle which have run wild, the book says:—"There is another race, like cattle, but with red eyes. They walk about among the hills in herds, and are not pressed at the sight of men. They are called 'Mountain Cows.' In the hills of the *Le* territory they are particularly abundant." The "Mountain Horse," or Sambur, has similar hair, we are told. Can the "Mountain Cow" be the *Budorcas taxicolor* of Hodgson, or some species allied to it? This must for the present remain a question, as I learned nothing of this animal from the natives, and got no samples of it.

5. The *Kiung shan Heen che* (or Gazetteer of the Kiungshan District of Hainan), the Chinese work referred to above, also mentions the *King*, an animal "like the Spotted Deer, but smaller, and of a black colour." The character *King* (pronounced Kiu-*ng* in Amoy) is the local name in Fokien for the *Cervulus reevesi*; and the same character is read *Kia* in the Hainan dialect; but in this work another character is given for the *Kia* of *Hwangkia*, the Hainan name for the *Cervulus vaginalis*. I should have thought that the *King* of the Chinese work might apply to some species of *Capricornis*, perhaps to *C. sumatrensis*, which occurs in Malacca and Tenasserim, but for the following remarks made in the same list of Hainan animals. "The *Choo* or *Me* drops its horns in the fifth moon (July). The velvety horns are of use, and as good as those of the Spotted Deer." A work of the former Han dynasty says that the hills of Tanurh and Choogai (districts into which Hainan was divided in the last century B.C.) abound in Choos and Kings. Yen Shekoo, in a commentary on the above, explains that the Choo is like a spotted deer, but larger. The '*Ming Yuen*,' or "clear illustrations," "affirms that a full-grown *Luh*, or spotted deer, is called a *Choo*. The herd follow it, observing its tail as their guide. Its tail is used for brushing off dust. Flap carpets with it, and they will not breed moths. Placed between crimson silks, the colour of the silks will not fade for years." It will thus be seen that *Choo* (which is written with the radical for deer, and the character for lord) is simply the monarch or leader of a herd of spotted deer, which in Hainan would be *Panolia*. In the same way, with reference to the Formosan Deer, I have discovered that *Me* applies to a large buck of the Sambur group. The character *King* is here adopted, apparently, for the *Panolia* in its dark winter dress.

6. Under the head of Hare another and the last *Cervine* animal is spoken of as "a large species (of Hare), called *Pé*, of a grey colour, with feet like a deer. The *Kiungchow* people often keep it alive." This must be a species of *Tragulus*, and probably, I think, *T. meminna*, of which the British Museum has a specimen from Cambodia. I did not have the good fortune to fall across this little animal on my visit to Hainan.

APPENDIX.

LIST OF ADDITIONS TO THE SOCIETY'S MENAGERIE

DURING THE YEAR

1869.

Jan. 1. 1 Black Ape (*Cynopithecus niger*), ♀. Purchased.
2. 1 Macaque Monkey (*Macacus cynomolgus*), ♂. Presented by Miss Elmhirst.
4. 1 Spotted Hyæna (*Hyæna crocuta*), ♂. Born in the Menagerie.
8. 1 Marmoset Monkey (*Hapale jacchus*), ♀. Presented by Miss F. Hill.
11. 1 Black Swan (*Cygnus atratus*). Presented by H. R. Cox, Esq.
12. 1 Black-necked Swan (*Cygnus nigricollis*), ♂. Received in exchange.
13. 1 Two-wattled Cassowary (*Casuarius bicarunculatus*), ♀. Purchased.
1 Cinnamon Bear (*Ursus americanus*, var. *cinnamomea*), ♂. Purchased.
1 Javan Civet (*Viverra tangalunga*). Purchased.
14. 1 Ring-necked Parrakeet (*Palæornis torquata*), ♂. Presented by Vero K. Shaw, Esq.
1 Golden Eagle (*Aquila chrysaëtos*), ♀. Presented by Alfred Dixon, Esq.
2 pairs Impeyan Pheasants (*Lopophorus impeyanus*). Received in exchange.
19. 1 King Vulture (*Gyparchus papa*). Purchased.
2 Jerboas (*Dipus ægyptius*). Purchased.
4 Orange-headed Conures (*Conurus jendaya*). Purchased.
20. 1 White Peafowl (*Pavo cristatus*), ♂. Received in exchange.
500 Salmon Ova (*Salmo salar*). Presented by F. T. Buckland, Esq., F.Z.S.
200 Great-Trout Ova (*Salmo lacustris*). Presented by F. T. Buckland, Esq., F.Z.S.
200 Salmon-Trout Ova (*Salmo trutta*). Presented by F. T. Buckland, Esq., F.Z.S.
100 Charr Ova (*Salmo umbla*). Presented by F. T. Buckland, Esq., F.Z.S.
1 Crowned Eagle (*Spizaëtus coronatus*), ♀. Purchased.

Jan. 20. 1 Rose-crested Cockatoo (*Cacatua moluccensis*), ♂. Presented by Mrs. Hutton.

21. 2 Rhesus Monkeys (*Macacus erythræus*), ♂. Presented by F. Luck, Esq.

5 Bass (*Labrax lupus*). Presented by H. Lee, Esq.

2 Soles (*Solea vulgaris*). Presented by H. Lee, Esq.

3 Flounders (*Platessa flesus*). Presented by H. Lee, Esq.

1 Turbot (*Psetta maxima*). Presented by H. Lee, Esq.

1 Armed Bullhead (*Aspidophorus cataphractus*). Presented by H. Lee, Esq.

1 Unctuous Sucker (*Liparis vulgaris*). Presented by H. Lee, Esq.

22. 1 Arabian Baboon (*Cynocephalus hamadryas*). Presented by Com. W. G. Aldrich, R.N.

1 Chimpanzee (*Troglodytes niger*), ♂. Deposited.

1 Mandarin Duck (*Aix galericulata*), ♂. Purchased.

23. 4 Red-bellied Waxbills (*Estrelda rubriventris*). Presented by W. G. Dowling, Esq.

2 Nutmeg Birds (*Munia undulata*), ♂. Presented by W. G. Dowling, Esq.

1 Red-headed Weaverbird (*Euplectes madagascariensis*). Presented by W. G. Dowling, Esq.

1 American Badger (*Taxidea americana*). Purchased.

24. 1 Wood-Owl (*Syrnium aluco*). Presented by F. Petford, Esq.

1 Pallas's Eared Pheasant (*Crossoptilon auritum*), ♂. Received in exchange.

25. 1 Crested Ground-Parrakeet (*Calopsitta novæ hollandiæ*). Presented by A. M. Speer, Esq.

27. 1 Macaque Monkey (*Macacus cynomolgus*), ♂. Presented by G. B. Train, Esq.

1 Marmoset Monkey (*Hapale jacchus*). Presented by T. W. Newman, Esq.

1 Dusky Parrot (*Pionus violaceus*). Purchased.

29. 1 Large Swiss Trout (*Salmo lacustris*). Presented by Mr. Groves.

30. 1 One-streaked Hawk (*Melierax monogrammicus*). Purchased.

Feb. 2. 1 Kinkajou (*Cercoleptis caudivolvulus*), ♂. From Buenos Ayres. Presented by Dr. John Palin, C.M.Z.S.

2 Capybaras (*Hydrochœrus capybara*). From Buenos Ayres. Presented by George Wilks, Esq., C.M.Z.S.

1 Macaque Monkey (*Macacus cynomolgus*), ♂. Psesented by Charles James, Esq.

3. 1 Hawk's-billed Turtle (*Caretta imbricata*). Presented by Messrs Gilson and Quelch.

1 American Brown Crane (*Grus canadensis*). Purchased.

1 Carolina Conure (*Conurus carolinensis*). Presented by F. G. Streatfield, Esq.

4. 2 Globose Curassows (*Crax globicera*). Received in exchange.

3 Crested Pigeons (*Ocyphaps lophotes*). Received in exchange.

4 Green-winged Doves (*Chalcophaps chrysochlora*). Received in exchange.

4 Barred-shouldered Doves (*Geopelia humeralis*). Received in exchange.

1 Talegalla (*Talegalla lathami*). Received in exchange.

1 Laughing Kingfisher (*Dacelo gigantea*). Received in exchange.

11 King Parrakeets (*Aprosmictus scapulatus*). Received in exchange.

Feb. 5. 7 River-Lampreys (*Petromyzon fluviatilis*). Presented by F. T. Buckland, Esq., F.Z.S.

6. 1 Grey Parrot (*Psittacus erithacus*). Purchased.

1 Common Wild Cat (*Felis catus*). Presented by Capt. the Hon. H. T. Fraser.

10. 1 Dingo (*Canis dingo*), ♂. Presented by J. C. Macdonald, Esq., F.Z.S.

13. 1 Vieillot's Fire-backed Pheasant (*Euplocamus vieilloti*), ♂. Deposited.

1 Temminck's Tragopan (*Ceriornis temminckii*). Deposited.

1 West-African Crocodile (*Crocodilus vulgaris*). Purchased.

15. 1 Egyptian Jerboa (*Dipus ægyptius*). Presented by Capt. Pain.

2 Bengalese Leopard Cats (*Felis bengalensis*). Presented by Major J. Pearse, Madras Staff Corps.

16. 1 European Lynx (*Felis lynx*). Purchased.

1 Mallee Bird (*Leipoa ocellata*). Presented by the Directors of the Botanic Gardens, Adelaide, South Australia.

3 Australian Monitors (*Monitor gouldii*). Presented by the Directors of the Botanic Gardens, Adelaide, S. Australia.

4 Stump-tailed Lizards (*Trachydosaurus rugosus*). Presented by the Directors of the Botanic Gardens, Adelaide, S. Australia.

3 Mangé's Dasyures (*Dasyurus maugæi*). Presented by the Directors of the Botanic Gardens, Adelaide, S. Australia.

1 Golden-bellied Beaver Rat (*Hydromys chrysogaster*), ♂. Presented by the Directors of the Botanic Gardens, Adelaide, S. Australia.

1 White Rat (*Mus rattus*). Presented by W. A. Forbes, Esq.

17. 1 Grey Ichneumon (*Herpestes griseus*). Presented by Capt. Melville Clarke.

18. 1 Grey Ichneumon (*Herpestes griseus*). Presented by Capt. R. O. B. Crowther.

19. 1 Syrian Fennec (*Canis famelicus*), ♂. Presented by the Sinai Survey Expedition.

1 American Brown Crane (*Grus canadensis*). Purchased.

1 Emu (*Dromæus novæ hollandiæ*). Presented by H.R.H. the Prince of Wales.

2 Brazilian Tortoises (*Testudo tabulata*). Purchased.

20. 1 Vulpine Phalanger (*Phalangista vulpina*), ♀. Presented by Capt. Jas. N. Smart.

22. 1 Jelerang Squirrel (*Sciurus bicolor*), ♀. Purchased.

24. 2 Yellow-footed Rock-Kangaroos (*Petrogale xanthopus*), ♀. Presented by Capt. Bolton, Edinburgh.

25. 4 Indian Chameleons (*Chamæleon vulgaris*). Purchased.

26. 1 Green Glossy Starling (*Lamprocolius chalybeus*). Presented by Mr. Edward Hawkins.

1 Teguexin Lizard (*Teius teguexin*). Purchased.

28. 1 Hog Deer (*Cervus porcinus*), ♂. Born in the Gardens.

Mar. 2. 2 Red-winged Parrakeets (*Aprosmictus erythropterus*). Deposited.

4. 2 Vulpine Phalangers (*Phalangista vulpina*), ♂ and ♀. Presented by J. W. Tyas, Esq.

1 Sooty Phalanger (*Phalangista fuliginosa*), ♂. Presented by J. W. Tyas, Esq.

1 Cereopsis Goose (*Cereopsis novæ hollandiæ*). Presented by J. W. Tyas, Esq.

5. 1 Pike (*Esox lucius*). Presented by Mr. P. W. Madsen.

1 Senegal Touracou (*Corythaix persa*). Purchased.

Mar. 5. 2 Leopards (*Felis leopardus*), ♂ and ♀. From Sierra Leone. Presented by Mrs. Thos. Brassey.
6. 1 Stump-tailed Lizard (*Trachydosaurus rugosus*. Presented by Capt. Clarke.
8. 2 Golden Agoutis (*Dasyprocta agouti*), ♂ and ♀. Presented by H. M. Ridley, Esq.
1 Restless Cavy (*Cavia aperea*). Presented by H. M. Ridley, Esq.
1 Senegal Coucal (*Centropus senegalensis*). Purchased.
9. 1 Red and Yellow Macaw (*Ara chloroptera*). Deposited.
2 Red-breasted Pigeons (*Phlogœnas cruentata*). Purchased.
1 Vulpine Phalanger (*Phalangista vulpina*), ♀. Presented by James Boorne, Esq.
1 Eland (*Oreas canna*), ♀. Born in the Gardens.
3 Menopomas (*Menopoma alleghaniense*). Presented by the Smithsonian Institution, Washington, U.S.A.
2 Florida Land-Tortoises (*Testudo polyphemus*). Presented by the Smithsonian Institution, Washington, U.S.A.
10. 2 Cuvier's Podargus (*Podargus cuvieri*). Purchased.
11. 1 Coati (*Nasua nasica*), ♀. Purchased.
12. 3 Barred-tailed Pheasants (*Phasianus reevesii*), 1 ♂ and 2 ♀. Deposited.
1 Cape-Bunting (*Fringillaria capensis*). Presented by Miss C. Boyle.
4 Yellow-backed Whydah Birds (*Vidua macroura*). Presented by Miss C. Boyle.
15. 3 Amaduvade Finches (*Estrelda amadava*). Purchased.
4 Orange-cheeked Waxbills (*Estrelda melpoda*). Purchased.
4 Crimson-eared Waxbills (*Estrelda phœnicotis*). Purchased.
4 Common Waxbills (*Estrelda cinerea*) Purchased.
4 African Silver-bills (*Munia cantans*). Purchased.
2 Yellow-rumped Seed-eaters (*Crithagra chrysopyga*). Purchased.
2 Occidental Finches (*Quelea occidentalis*). Purchased.
4 Hooded Finches (*Amadina cucullata*). Received in exchange.
16. 1 Greater Sulphur-crested Cockatoo (*Cacatua galerita*). Deposited.
24. 1 Vulpine Phalanger (*Phalangista vulpina*). Presented by Capt. G. E. Bird.
1 Yaguarundi Cat (*Felis jaguarundi*). Presented by Capt. G. E. Bird.
1 Dorsal Squirrel (*Sciurus dorsalis*). Presented by Capt. G. E. Bird.
25. 1 Egyptian Monitor (*Monitor niloticus*). Purchased.
3 Crested Ground-Parrakeets (*Calopsitta novæ hollandiæ*), 1 ♂, 2 ♀. Presented by John Lacey, Esq.
13 Ruffe or Pope (*Acerina cernua*). Presented by F. Jonas, Esq.
27. 1 Coati (*Nasua nasica*), ♂. Purchased.
30. 1 Grivet Monkey (*Cercopithecus griseo-viridis*), ♀. Presented by Capt. J. Cracknell.
31. 1 Musk-Deer (*Moschus moschiferus*), ♀. Presented by Colonel F. R. Pollock, C.S.I. Commissioner, Peshawur, Punjaub, India.

Apr. 3. 1 Brown Bear (*Ursus arctos*), ♂. Deposited.
1 Domestic Dog (*Canis familiaris*), ♂. Deposited.
5. 2 Maguari Storks (*Ciconia maguari*). Presented by George Wilks, Esq., C.M.Z.S.
1 Great Eagle-owl (*Bubo maximus*). From Gibraltar. Deposited.
1 Cape Eared Owl (*Otus capensis*). From Spain. Deposited.
2 Kingfishers (*Alcedo ispida*). Purchased.

Apr. 6. 2 Black-tailed Water-hens (*Tribonyx ventralis*). Hatched in the Gardens.
1 Lion (*Felis leo*), ♂. From Babylonia. Deposited.
1 Aoudad (*Ovis tragelaphus*), ♂. Born in the Menagerie.
2 African Tantalus (*Tantalus ibis*). Purchased.
8. 1 Hybrid Kangaroo (between *Halmaturus bennettii*, ♂, and *Halmaturus ruficollis*, ♀). Born in the Menagerie.
1 Great Kangaroo (*Macropus giganteus*), ♀. Born in the Menagerie.
2 Cretan Goats (*Capra beden*), ♂. Born in the Menagerie.
1 Red and Yellow Macaw (*Ara chloroptera*). Presented by the Earl Nelson.
9. 1 Proteus (*Proteus anguinus*). Presented by Francis Halsey, Esq.
1 Blue-crowned Conure (*Conurus hæmorrhous*). Presented by Mrs. Wright.
1 Cretan Goat (*Capra beden*), ♂. Born in the Menagerie.
10. 1 Ibex (*Capra ibex*), ♂. Born in the Menagerie.
1 Common Adder (*Pelias berus*). Presented by W. R. Tate, Esq.
1 Tasmanian Piping Crow (*Gymnorhina organica*). Deposited.
11. 1 Equine Deer (*Cervus equinus*), ♀. Born in the Menagerie.
3 Black-tailed Water-hens (*Tribonyx ventralis*). Hatched in the Gardens.
12. 2 Pied Rats (*Mus rattus*), ♂ and ♀. Presented by J. Mason, Esq.
13. 1 Talapoin Monkey (*Cercopithecus talapoin*), ♂. Presented by John Gould, Esq., F.Z.S.
1 Blackheaded Gull (*Larus ridibundus*). Presented by John Gould, Esq., F.Z.S.
2 Common Peafowls (*Pavo cristatus*), ♂ and ♀. Presented by Maj.-Gen. J. K. Whistler.
14. 1 Mangabey Monkey (*Cercocebus æthiops*), ♀. Presented by Col. Addison.
2 Common Sheldrakes (*Tadorna vulpanser*), ♂ and ♀. Received in exchange.
1 Grey Parrot (*Psittacus erithacus*). Deposited.
1 Crimson-crowned Weaverbird (*Euplectes flammiceps*), ♂. Presented by Miss C. Boyle.
1 Obscure Finch (*Serinus*, sp. ign.), ♀. Presented by Miss C. Boyle.
1 Iceland Falcon (*Falco islandicus*), ♀. Presented by Capt. J. A. Martyn.
1 Burchell's Zebra (*Equus burchellii*), ♂. Deposited.
2 Secretary Vultures (*Serpentarius reptilivorus*). Purchased.
15. 1 Secretary Vulture (*Serpentarius reptilivorus*). Presented by J. S. Mackenzie, Esq.
1 Ælian's Wart-hog (*Phacochœrus æliani*), ♀. From Zoula, Abyssinia. Purchased.
1 Smew (*Mergus albellus*), ♀. Purchased.
5 Golden Plovers (*Charadrius pluvialis*). Purchased.
12 Lumpfish (*Cyclopterus lumpus*). Purchased.
16. 1 Javan Chevrotain (*Tragulus javanicus*), ♀. Presented by J. Deacon, Esq.
1 Polecat (*Mustela putorius*). Presented by F. H. Salvin, Esq.
1 Macaque Monkey (*Macacus cynomolgus*), ♂. Presented by John Ferris, Esq.
1 Marsh Harrier (*Circus æruginosus*), ♂. Purchased.
1 Common Bittern (*Botaurus stellaris*). Presented by the Hon. T. de Grey, M.P., F.Z.S.

Apr. 16. 1 African Tantalus (*Tantalus ibis*). Purchased.
1 Squirrel Monkey (*Callithrix sciureus*), ♂. Purchased.
17. 1 Wood-Owl (*Syrnium aluco*). Presented by George W. Arnott, Esq.
1 Coati (*Nasua nasica*), ♀. Presented by Chas. Denneley, Esq.
1 Common Adder (*Pelias berus*). Presented by F. D. Drewitt, Esq.
1 Nilotic Trionyx (*Trionyx niloticus*). Presented by Alexander Baird, Esq.
19. 2 Bower-birds (*Ptilonorhynchus holosericeus*). Purchased.
2 Blue-crowned Hanging Parrots (*Loriculus galgulus*). Purchased.
1 Viscacha (*Lagostomus trichodactylus*). Born in the Menagerie.
1 Kinkajou (*Cercoleptes caudivolvulus*), ♂. Presented by D. M. Eder, Esq.
20. 1 Spotted Cavy (*Cœlogenys paca*). Presented by Dr. Somershield.
5 Cuming's Octodons (*Octodon cumingii*). Born in the Menagerie.
1 Entellus Monkey (*Semnopithecus entellus*), ♂. Purchased.
21. 1 Ring-necked Parrakeet, yellow var. (*Palæornis torquata*). Presented by Lieutenant C. H. T. Marshall.
2 pairs Virginian Colins (*Ortyx virginianus*). Purchased.
2 pairs Californian Quails (*Callipepla californica*). Purchased.
22. 1 Grey Parrot (*Psittacus crithacus*). Deposited.
23. 2 Common Boas (*Boa constrictor*). Presented by Capt. Perry.
1 Common Badger (*Meles taxus*). Presented by the Lord Willoughby d'Eresby.
2 Tibetan Wolves (*Canis laniger*). Born in the Menagerie.
26. 1 Temminck's Snapper (*Macroclemmys temminckii*). Deposited.
1 Arabian Bustard (*Otis arabs*). Received in exchange.
6 Bourke's Parrakeets (*Euphema bourkii*). Purchased.
2 Blue-Bonnet Parrakeets (*Psephotus hæmatogaster*).
1 Hawk's-billed Turtle (*Caretta imbricata*). Presented by Capt. Miles.
27. 2 Red Ground-Doves (*Geotrygon montana*). Deposited.
4 Mountain Witch Doves (*Geotrygon sylvatica*). Deposited.
1 Goss's Owl (*Otus grammicus*). Deposited.
4 Zenaida Doves (*Zenaida amabilis*). Deposited.
4 White-fronted Doves (*Leptoptila jamaicensis*). Deposited.
1 White-crowned Pigeon (*Columba leucocephala*). Deposited.
1 Moustache-Pigeon (*Geotrygon mystacea*). Purchased.
2 Zenaida Doves (*Zenaida amabilis*). Purchased.
2 Macaque Monkeys (*Macacus cynomolgus*), ♂. Presented by Mrs. Stevens.
28. 1 Red and Yellow Macaw (*Ara chloroptera*). Presented by Mrs. Bancroft.
1 Chequered Elaps (*Elaps lemniscatus*). Purchased.
2 Virginian Colins (*Ortyx virginianus*), ♂ and ♀. Presented by P. L. Simon, Esq.
1 Dial Bird (*Copsychus saularis*). Purchased.
29. 1 Chimpanzee (*Troglodytes niger*), ♂. Deposited.
4 Common Adders (*Pelias berus*). Presented by W. B. Hume, Esq.
1 Markhoor (*Capra megaceros*), ♂. Born in the Menagerie.
30. 2 Masked Paradoxures (*Paguma larvata*). Born in the Menagerie.

May 1. 1 Grey Ichneumon (*Herpestes griseus*), ♀. Presented by George Felstead, Esq.
1 Ostrich (*Struthio camelus*), ♂. Purchased.
3. 2 Mouflons (*Ovis musimon*), ♂ and ⚥. Born in the Menagerie.
1 Black-eared Marmoset (*Hapale penicillata*), ♂. Presented by Miss Cook.
5. 1 Bay Cow-bird (*Molothrus badius*). Presented by George Wilks, Esq., C.M.Z.S.
4 Southern Cow-birds (*Molothrus bonariensis*). Presented by George Wilks, Esq., C.M.Z.S.
1 Azara's Opossum (*Didelphys azaræ*), ♂. Presented by George Wilks, Esq., C.M.Z.S.
1 Tree-Boa (*Corallus hortulanus*). Purchased.
6. 1 Lumpfish (*Cyclopterus lumpus*). Purchased.
1 Armed Bullhead (*Aspidophorus cataphractus*). Purchased.
1 Sordid Dragonet (*Callionymus dracunculus*). Purchased.
4 Greenland Seals (*Phoca grœnlandica*), ♂. Purchased.
7. 1 Common Sturgeon (*Acipenser sturio*). Presented by Messrs. Grove and Co.
1 Marmoset Monkey (*Hapale jacchus*), ♂. Presented by Robert G. Moger, Esq.
8. 1 Diana Monkey (*Cercopithecus diana*), ♂. Purchased.
1 Crested Porcupine (*Hystrix cristata*). Purchased.
1 King Vulture (*Gyparchus papa*). Purchased.
2 St.-Helena Seed-eaters (*Crithagra butyracea*). Purchased.
1 Brush-tailed Porcupine (*Atherura africana*). Purchased.
2 Yellow-rumped Seed-eaters (*Crithagra chrysopyga*). Purchased.
1 Crimson-faced Waxbill (*Pytelia elegans*). Purchased.
1 Common Boa (*Boa constrictor*). Purchased.
1 Ocelot (*Felis pardalis*), ♂. Purchased.
2 Weasel-headed Armadillos (*Dasypus encoubert*). Purchased.
2 Vieillot's Pheasants (*Euplocamus vieilloti*), ♂ and ♀. Presented by Col. A. S. Greenlaw.
9. 1 Alexandrine Parrakeet (*Palæornis alexandri*). Deposited.
10. 1 Yellow-footed Rock-Kangaroo (*Petrogale xanthopus*), ♀. Born in the Menagerie.
1 Bronze-winged Pigeon (*Phaps chalcoptera*). Hatched in the Gardens.
11. 1 Greenland Seal (*Phoca grœnlandica*), ♀. Purchased.
2 Spotted-sided Finches (*Amadina lathami*). Purchased.
1 Cashmere Shawl-Goat (*Capra hircus*), ♀. Born in the Menagerie.
2 Australian Wild Ducks (*Anas superciliosa*). Presented by Capt. S. Babot.
12. 6 Variegated Sheldrakes (*Tadorna variegata*). Hatched in the Gardens.
1 Syrian Wild Ass (*Equus hemippus*), ♂. Born in the Menagerie.
1 Cinereous Sea-Eagle (*Haliaëtus albicilla*). From the Island of Saghalin. Presented by Captain Blakiston.
1 Brown Bear (*Ursus arctos*), ♂. From Jesso, Japan. Presented by Captain Blakiston.
13. 1 Red and Yellow Macaw (*Ara chloroptera*). Deposited.
1 Grey Parrot (*Psittacus erithacus*). Presented by Mrs. Ford North.
1 Ursine Colobus (*Colobus ursinus*), ♀. Deposited.

May 13. 2 Peacock Pheasants (*Polyplectron chinquis*). Hatched in the Gardens.
3 Young Water-Ousels (*Cinclus aquaticus*). Presented by W. Dunbar, Esq.
14. 1 Pallas's Eared Pheasant (*Crossoptilon auritum*), ♂. Purchased.
1 Golden-headed Marmoset (*Hapale chrysomelas*). Purchased.
2 Alpine Choughs (*Pyrrhocorax alpinus*). Purchased.
2 Orange-winged Parrakeets (*Brotogerys pyrrhopterus*). Purchased.
18. 4 Olive Weaverbirds (*Hyphantornis capensis*). Purchased.
2 White-fronted Olive Weaverbirds (*Pyrenestes albifrons*). Purchased.
1 Rock-Thrush (*Petrocincla saxatilis*). Presented by Sir S. Lakeman.
1 Eastern Nightingale (*Luscinia major*). Presented by Sir S. Lakeman.
1 Spotted Ichneumon (*Herpestes auropunctatus*). Presented by C. Emery, Esq.
2 Greenland Seals (*Phoca grœnlandica*). Presented by Sir C. M. Lampson, Bart., F.Z.S.
1 Common Heron (*Ardea cinerea*). Presented by Mr. Alderman and Sheriff Cotton.
19. 8 Ruddy Sheldrakes (*Tadorna rutila*). Hatched in the Gardens.
20. 1 Vulpine Phalanger (*Phalangista vulpina*). Presented by F. Egerton Hine, Esq.
1 Stanley Crane (*Tetrapteryx paradiseus*). Purchased.
2 Secretary Vultures (*Serpentarius reptilivorus*). Purchased.
2 Aard-Wolves (*Proteles lalandii*). Purchased.
1 Common Otter (*Lutra vulgaris*). Presented by H. J. Rope, Esq.
1 Vulturine Eagle (*Aquila vulturina*). Presented by E. L. Layard, Esq., F.Z.S.
21. 1 Ursine Dasyure (*Dasyurus ursinus*). Presented by Dr. Geo. Bennett, F.Z.S.
1 Grey Spider Monkey (*Ateles hybridus*). Purchased.
4 Upland Geese (*Chloëphaga magellanica*). Hatched in the Gardens.
22. 1 Panda (*Ailurus fulgens*). Presented by Dr. Simpson.
25. 2 Peacock Pheasants (*Polyplectron chinquis*). Hatched in the Gardens.
26. 1 Bonnet-Monkey (*Macacus radiatus*), ♀. Presented by A. M. Campbell, Esq.
6 Common Chameleons (*Chamæleon vulgaris*). Purchased.
1 Red-billed Tree-Duck (*Dendrocygna autumnalis*). Purchased.
1 Grey-cheeked Monkey (*Cercocebus albigena*), ♀. Purchased.
2 Sulphur-breasted Toucans (*Ramphastos carinatus*). Purchased.
27. 2 Spotted Hyænas (*Hyæna crocuta*). Born in the Menagerie.
29. 1 White-whiskered Capuchin Monkey (*Cebus fatuellus*), ♂. Deposited.
2 Grey-breasted Conures (*Conurus monachus*). Purchased.
2 Red-bellied Conures (*Conurus vittatus*). Purchased.
4 Temminck's Tragopans (*Ceriornis temminckii*). Hatched in the Gardens.
1 Burchell's Zebra (*Equus burchellii*). Born in the Menagerie.
1 Sulphur-breasted Toucan (*Ramphastos carinatus*). Presented by J. C. Shircore, Esq.
30. 1 Brown Pelican (*Pelecanus fuscus*). Presented by Capt. Dow.
31. 1 Cuckoo (*Cuculus canorus*). Presented by H. Clark, Esq.

June 1. 1 Chimpanzee (*Troglodytes niger*). Deposited.
2 Ursine Dasyures (*Dasyurus ursinus*). Presented by R. Firebrace, Esq., F.Z.S.
1 Australian Quail (*Synœcus australis*). Presented by Dr. F. von Mueller, C.M.Z.S.
1 Ashy-headed Goose (*Chloëphaga poliocephala*). Hatched in the Gardens.
2. 2 Macqueen's Bustards (*Otis macqueeni.*) Deposited.
3. 2 Double-striped Thicknees (*Œdicnemus bistriatus*). Presented by G. D. Rowley, Esq., F.Z.S.
4 Getulian Squirrels (*Xerus getulus*). Purchased.
5. 1 Dorsal Squirrel (*Sciurus dorsalis*). Presented by J. L. Guy, Esq.
6. 8 Egyptian Geese (*Chenalopex ægyptiaca*). Hatched.
4 Ruddy-headed Geese (*Chloëphaga rubidiceps*). Hatched.
7. 1 Anaconda (*Eunectes murinus*). Purchased.
1 Egyptian Monitor (*Monitor niloticus*). Purchased.
1 Common Hare (*Lepus europæus*). Purchased.
8. 1 Red-bellied Monkey (*Cercopithecus erythrogaster*), ♂. Purchased.
1 Rhesus Monkey (*Macacus erythræus*), ♀. Presented by Mrs. M. Round.
9. 1 Red-fronted Amazon (*Chrysotis vittatus*). Purchased.
1 Black-tailed Parrakeet (*Platycercus melanurus*). Presented by Dr. John Cooper.
10. 1 Ocelot (*Felis pardalis*), ♀. Presented by Capt. Glyn, H.M.S. 'Doris.'
1 Eye-browed Guan (*Penelope superciliaris*). Purchased.
1 New-Caledonian Rail (*Ocydromus lafresnayanus*). Presented by Dr. Geo. Bennett, F.Z.S.
1 Blue-shouldered Tanager (*Tanagra cyanoptera*), ♂. Purchased.
11. 1 King Parrakeet (*Aprosmictus scapulatus*), Presented by Mr. Sercombe.
12. 1 Common Kestrel (*Tinnunculus alaudarius*). Presented by Miss Lucy Royle.
14. 1 Japanese Deer (*Cervus sika*). Born in the Menagerie.
15. 2 Petz's Conures (*Conurus petzi*). Purchased.
2 Crested Pigeons (*Ocyphaps lophotes*). Hatched.
16. 9 Common Chameleons (*Chamæleon vulgaris*). Presented by Capt. Thos. Waite.
2 Getulian Squirrels (*Xerus getulus*). Presented by Capt. Thos. Waite.
4 North-African Jackals (*Canis anthus*), ♂. Presented by Capt. Thos. Waite.
1 Ocellated Skink (*Gongylus ocellatus*). Presented by Henry Denny, Esq.
1 Turquoisine Parrakeet (*Euphema pulchella*), ♀. Purchased.
1 Common Kestrel (*Tinnunculus alaudarius*). Presented by Mr. J. Stanton.
17. 2 Red-shouldered Weaverbirds (*Euplectes axillaris*), ♂. Purchased.
1 Bengalese Ichneumon (*Herpestes malaccensis*), ♂. Presented by W. Ingram, Esq.
2 pairs of Common Wild Ducks (*Anas boschas*). Presented by D. B. Bullen, Esq.
18. 1 Cape Ant-Bear (*Orycteropus capensis*), ♂. Purchased.
3 Summer-Ducks (*Aix sponsa*). Hatched in the Gardens.

June 18. 3 Japanese Pheasants (*Phasianus versicolor*). Hatched.
13 Bamboo Partridges (*Bambusicola thoracia*). Hatched.
19. 1 Wedge-tailed Eagle (*Aquila audax*). Presented by H.R.H. the Duke of Edinburgh, F.Z.S.
20. 1 Honey-Buzzard (*Pernis apivorus*). Presented by J. Watkins Drew, Esq.
21. 3 Black-tailed Water-hens (*Tribonyx ventralis*). Hatched in the Gardens.
1 West-African Python (*Python sebæ*). Presented by Charles H. Cox, Esq., F.Z.S.
1 Greater Sulphur-crested Cockatoo (*Cacatua galerita*). Received in exchange.
22. 1 Sly Silurus (*Silurus glanis*). Presented by Messrs. Gilson and Quelch.
1 Sun-bird (*Eurypyga helias*). Hatched in the Gardens.
1 Common Bluebird (*Sialia wilsonii*). Hatched in the Gardens.
2 Mexican Deer (*Cervus mexicanus*), ♂ and ♀. Born in the Menagerie.
1 Entellus Monkey (*Semnopithecus entellus*), ♂. Purchased.
23. 1 Common Hare (*Lepus europæus*). Purchased.
14 Chestnut-breasted Finches (*Donacola castaneothorax*). Presented by the Acclimatization Society of Queensland.
1 Banded Grass-Finch (*Poëphila cincta*). Presented by the Acclimatization Society of Queensland.
1 Temminck's Snapper (*Macroclemmys temminckii*). Deposited.
24. 4 Swinhoe's Pheasants (*Euplocamus swinhoei*). Hatched in the Gardens.
25. 1 Japanese Deer (*Cervus sika*). Born in the Menagerie.
26. 4 Bahama Ducks (*Pœcilonetta bahamensis*). Hatched.
28. 7 Undulated Grass Parrakeets (*Melopsittacus undulatus*). Hatched.
3 Common Adders (*Pelias berus*). Presented by Mr. Davy.
2 Wild Boars (*Sus scrofa*). Purchased.
1 Green Monkey (*Cercopithecus callitrichus*). Presented by Mrs. Haynes.
29. 1 Guacharo or Oil-bird (*Steatornis caripensis*). From Trinidad. Presented by the Hon. A. Gordon, C.M.Z.S.
4 Australian Wild Ducks (*Anas superciliosa*). Hatched in the Gardens.
30. 2 Tigers (*Felis tigris*). Born in the Menagerie.
2 Common Kingfishers (*Alcedo ispida*). Presented by J. J. Habisch, Esq.
2 Black-headed Parrots (*Caica melanocephala*). Deposited.
2 Yellow-shouldered Amazons (*Chrysotis ochroptera*). Deposited by the Hon. A. Gordon, C.M.Z.S.

July 1. 1 Virginian Deer (*Cervus virginianus*). Born in the Menagerie.
1 Ortolan Bunting (*Emberiza hortulana*). Presented by Mr. J. W. Smart.
2 Black-headed Buntings (*Emberiza melanocephala*). Presented by Mr. J. W. Smart.
1 Chimpanzee (*Troglodytes niger*). Deposited.
1 Red-footed Falcon (*Erythropus vespertinus*). Deposited.
1 New-Zealand Hawk (*Hieracidea novæ hollandiæ*). Presented by J. M. Quade, Esq.
2. 2 Barbary Turtledoves (*Turtur risorius*). Presented by Capt. James Tough.

July 2. 2 Moustache-Monkeys (*Cercopithecus cephus*). Received in exchange.
3. 2 Temminck's Tragopans (*Ceriornis temminckii*). Hatched.
1 Macaque Monkey (*Macacus*, sp.). Presented by Mr. Ridgway.
1 Red-throated Amazon (*Chrysotis collaria*). Presented by J. W. Malcolm, Esq., F.Z.S.
1 Yellow-cheeked Amazon (*Chrysotis autumnalis*). Purchased.
5. 1 Eland (*Oreas canna*), ♀. Born in the Menagerie.
6. 2 Jays (*Garrulus glandarius*). Received in exchange.
2 Common Magpies (*Pica caudata*). Received in exchange.
7. 1 Boobook Owl (*Athene boobook*). Purchased.
1 Roebuck (*Cervus capreolus*), ♀. Presented by Benjamin F. Turner, Esq.
8. 1 Andaman Monkey (*Macacus andamanensis*), ♀. Presented by Capt. R. A. Brown, R.N.
1 Kusimanse (*Crossarchus obscurus*), ♀. Purchased.
9. 6 Mandarin Ducks (*Aix galericulata*). Hatched in the Gardens.
2 Hartebeests (*Boselaphus caama*), ♂ and ♀. Purchased.
1 Javan Chevrotain (*Tragulus javanicus*), ♀. Presented by B. C. Nicholson, Esq.
4 Common Foxes (*Canis vulpes*), 3 ♂ and 1 ♀. Presented by H.R.H. the Prince of Wales, F.Z.S. &c. &c.
12. 1 Gazelle (*Gazella dorcas*), ♀. Purchased.
13. 1 Coati (*Nasua nasica*), ♀. Presented by W. M. Rose, Esq.
1 Brazilian Mocking bird (*Minus saturninus*). Purchased.
1 Black Bulbul (*Pycnonotus pygæus*). Purchased.
1 Cat bird (*Galeoscoptes carolinensis*). Purchased.
2 Brown-necked Parrots (*Pœocephalus fuscicollis*). Purchased.
1 Pied Crow Shrike (*Strepera graculina*). Purchased.
14. 4 Black-backed Porphyrios (*Porphyrio melanotus*). Hatched in the Gardens.
1 Short-eared Owl (*Otus brachyotus*). Deposited.
1 Common Hare (*Lepus europæus*). Purchased.
1 Black Bear (*Ursus americanus*). Presented by G. Stanley Orred, Esq.
16. 1 Bless-bok Antelope (*Damalis albifrons*). Born in the Menagerie.
6 Amherst's Pheasants (*Thaumalea amherstiæ*), 5 ♀ and 1 ♂. Deposited.
17. 1 Maugé's Dasyure (*Dasyurus maugæi*), ♂. Presented by Wm. H. Holmes, Esq.
19. 1 Four-spotted Opossum (*Didelphys opossum*). Purchased.
2 Barred-shouldered Ground-Doves (*Geopelia humeralis*). Hatched in the Gardens.
1 Cornish Chough (*Fregilus graculus*). Presented by J. Ashmead, Esq.
1 One-streaked Hawk (*Melierax monogrammicus*). Purchased.
20. 11 Japanese Pheasants (*Phasianus versicolor*). Hatched.
21. 1 Yellow-faced Amazon (*Chrysotis xanthops*). Purchased.
1 Wild Boar (*Sus scrofa*). Presented by L. Levinsohn, Esq.
22. 1 Crested Ground-Parrakeet (*Calopsitta novæ hollandiæ*). Presented by Miss C. Boyle.
1 Pair Hybrid Cats (between *Felis catus* and *F. domestica*). Presented by S. E. B. Pusey, Esq., F.Z.S.
1 Coati, black variety (*Nasua nasica*), ♂. Presented by Peter Campbell, Esq.
2 European Tortoises (*Testudo græca*). Presented by Mrs. Lee.

July 22. 2 African Tantalus (*Tantalus ibis*). Purchased.
2 Saddle-billed Storks (*Xenorhynchus senegalensis*). Purchased.
26. 3 Glass Snakes (*Pseudopus pallasii*). Purchased.
27. 1 Vervet Monkey (*Cercopithecus lalandi*), ♀. Purchased.
1 Vulpine Phalanger (*Phalangista vulpina*), ♂. Presented by Dr. Owen Owen.
28. 1 Pennant's Parrakeet (*Platycercus pennantii*). Deposited.
2 Red Ground-Doves (*Geotrygon montana*). Hatched in the Gardens.
1 Common Viper (*Pelias berus*). Presented by E. P. R. Curzon, Esq.
1 Owen's Apteryx (*Apteryx owenii*). Presented by the Acclimatization Society of Otago.
29. 2 Blue Jays (*Cyanocitta cristata*). Purchased.
2 Pied Tanagers (*Cissopis leveriana*). Purchased.
2 Spotted Crakes (*Crex porzana*). Purchased.
2 Tiger Bitterns (*Tigrisoma brasiliense*). Purchased.
1 Vociferous Eagle (*Haliaëtus vocifer*). Purchased.
1 White-bellied Stork (*Ciconia abdimii*). Purchased.
2 Raccoons (*Procyon lotor*). Presented by C. Messiter, Esq.
1 Red Fox (*Canis fulvus*). Presented by C. Messiter, Esq.
1 Prairie-Marmot (*Arctomys ludovicianus*). Presented by C. Messiter, Esq.
1 Bonnet-Monkey (*Macacus radiatus*). Presented by Miss Geikie.
30. 2 American Tapirs (*Tapirus terrestris*), ♂ and ♀. Purchased.
1 Grey-cheeked Monkey (*Cercocebus albigena*), ♀. Purchased.
1 Blue Grosbeak (*Guiraca cyanea*). Purchased.
1 Harlequin Quail (*Coturnix histrionica*). Purchased.
1 Slender Loris (*Loris gracilis*), ♀. Purchased.
31. 3 Common Wild Ducks (*Anas boschas*). Presented by D. B. Buller, Esq.

Aug. 2. 2 Chinese Tailed Deer (*Elaphurus davidianus*), ♂ and ♀. Presented by H.E. Sir R. Alcock, K.C.B., C.M.Z.S.
1 Lesser Sulphur-crested Cockatoo (*Cacatua sulphurea*). Deposited.
1 White-billed Parrot (*Tanygnathus albirostris*). Purchased.
1 Mueller's Great-billed Parrakeet (*Tanygnathus muelleri*). Purchased.
2 Eider Ducks (*Somateria mollissima*), ♂ and ♀. Purchased.
2 Alpine Choughs (*Pyrrhocorax alpinus*). Purchased.
1 Pileated Vulture (*Neophron pileatus*). Purchased.
1 Wild Cat (*Felis catus*), ♀, from Hungary. Purchased.
3. 1 Common Seal (*Phoca vitulina*), ♂. Purchased.
1 Kit Fox (*Canis velox*), ♂. Presented by G. Peacock, Esq.
1 Hawk-headed Parrot (*Deroptyus accipitrinus*). Presented by G. Peacock, Esq.
1 Brown Capuchin Monkey (*Cebus apella*), ♂. Presented by G. Peacock, Esq.
4. 1 Feline Douroucouli (*Nyctipithecus felinus*). Purchased.
5. 3 Common Hares (*Lepus europæus*). Purchased.
6. 1 Puma, red variety (*Felis concolor*), ♀, from Demerara. Presented by the late W. D. Stewart, Esq.
7. 2 Snowy Owls (*Nyctea nivea*). Presented by Lord Ruthven.
1 Common Seal (*Phoca vitulina*), ♀. Purchased.
9. 1 Wheatear (*Saxicola œnanthe*). Purchased.

Aug. 10. 1 Great Eagle Owl (*Bubo maximus*). Returned.
1 Common Barn-Owl (*Strix flammea*). Presented by H. B. Harrison, Esq.
1 pair Passerine Parrakeets (*Psittacula passerina*). Purchased.
1 Musky Parrakeet (*Trichoglossus concinnus*). Purchased.
11. 1 Bennett's Wallaby (*Halmaturus bennettii*), ♀. Deposited.
4 Common Turtles (*Chelonia viridis*). Presented by Lieut. C. B. Clark, R.N.
12. 5 Wonga-wonga Pigeons (*Leucosarcia picata*). Presented by the Acclimatization Society of Victoria.
1 Amherst's Pheasant (*Thaumalea amherstiæ*), ♂. Deposited.
13. 3 Common Bluebirds (*Sialia wilsoni*). Hatched in the Gardens.
2 Weasel-headed Armadillos (*Dasypus encoubert*), ♀. Purchased.
1 Pleurodele Newt (*Pleurodeles waltii*). From Spain. Presented by Lord Lilford, F.Z.S.
14. 2 Crested Curassows (*Crax alector*). Presented by Col. May.
16. 1 Huanaco (*Auchenia huanaco*), ♀. Presented by H. T. Balfour, Esq.
17. 1 Wheat-ear (*Saxicola œnanthe*), ♀. Purchased.
6 Undulated Grass-Parrakeets (*Melopsittacus undulatus*). Hatched.
1 Rufous-necked Weaverbird (*Hyphantornis textor*). Hatched.
18. 2 Javan Pea-fowls (*Pavo muticus*), ♂ and ♀. Purchased.
2 Marabou Storks (*Leptoptilus crumeniferus*), ♂ and ♀. Purchased.
19. 1 Brush-Turkey (*Talegalla lathami*). Hatched in the Gardens.
1 St.-Helena Seed-eater (*Crithagra butyracea*). Presented by Miss Moss.
3 Australian Quails (*Synœcus australis*). Purchased.
20. 1 Chimpanzee (*Troglodytes niger*), ♀. Deposited.
23. 1 Garnett's Galago (*Galago garnettii*), ♂. Purchased.
2 Yellow Baboons (*Cynocephalus babouin*), ♂ and ♀. Purchased.
25. 2 Sun-birds (*Eurypyga helias*). Hatched in the Gardens.
1 Great Eagle-Owl (*Bubo maximus*). Presented by Charles Bamford, Esq.
26. 7 Garter-Snakes (*Tropidonotus ordinatus*). Presented by A. Downs, Esq., C.M.Z.S.
27. 1 Blue and Yellow Maccaw (*Ara ararauna*). Presented by Samuel Linder, Esq.
13 Barred-tailed Pheasants (*Phasianus reevesii*). Deposited.
2 Temminck's Tragopans (*Ceriornis temminckii*), ♂ and ♀. Deposited.
1 Common Buzzard (*Buteo vulgaris*), ♀. Presented by James Hartley, Esq.
3 Short-headed Phalangers (*Belideus breviceps*), 2 ♂ and 1 ♀. Presented by Robert G. Batten, Esq.
28. 1 Black Bear (*Ursus americanus*), ♂. Presented by Rees Davies, Esq.
4 Egyptian Mastigures (*Uromastix spinipes*). Received in exchange.
4 Egyptian Sand-Lizards (*Psammosaurus griseus*). Received in exchange.
1 Tree-Boa (*Corallus hortulanus*). Purchased.
29. 2 Glossy Ibises (*Ibis falcinellus*). Purchased.
1 Puma (*Felis concolor*), ♂. Presented by Capt. Dow, F.Z.S.
2 Sparrow-Hawks (*Accipiter nisus*), ♂ and ♀. Presented by Mr. R. B. Sharpe.

Aug. 29. 1 Cashmere Monkey (*Macacus pelops*), ♀. Presented by Rev. T. P. Methuen.

Sept. 2. 2 Black-eared Marmosets (*Hapale penicillata*), ♂ and ♀. Presented by Mr. E. Ball.

3. 2 Common Kestrels (*Tinnunculus alaudarius*). Presented by Mr. W. Lake.

4. 1 Potto (*Perodicticus potto*), ♂. Purchased.
1 Spanish Ibex (*Capra pyrenaica*), ♂. Presented by Major Howard Irby (74th Highlanders).
23 Edible Sea-Urchins (*Echinus esculentus*). Presented by Mr. A. D. Bartlett.
3 Shore-Crabs (*Carcinus mænas*). Presented by Mr. A. D. Bartlett.

5. 2 Black-tailed Water-Hens (*Tribonyx ventralis*). Hatched in the Gardens.

6. 1 Wanderoo Monkey (*Macacus silenus*), ♂. Presented by Capt. A. A. Davidson.
2 Marmoset Monkeys (*Hapale jacchus*), ♂ and ♀. Presented by H. M. Wainwright, Esq.
2 Red Ground-Doves (*Geotrygon montana*). Hatched in the Gardens.

7. 1 Sooty Monkey (*Cercocebus fuliginosus*), ♀. Purchased.
4 Cuming's Octodons (*Octodon cumingii*). Born in the Menagerie.

8. 1 Wood-Pigeon (*Columba palumbus*). Presented by H. P. Hensman, Esq.
3 Island Hen Gallinules (*Gallinula nesiotis*). Presented by E. L. Layard, Esq., F.Z.S.

9. 1 White-backed Piping Crow (*Gymnorhina leuconota*). Presented by Higford Burr, Esq.

13. 1 Common Otter (*Lutra vulgaris*). Presented by Mr. A. Fairgrieve.
1 Egyptian Cobra (*Naia haje*). Purchased.
9 Puff-Adders (*Clotho arietans*). Purchased.
1 Greek Tortoise (*Testudo græca*). Presented by Mr. W. A. Jepson.
2 Greey's Guans (*Penelope greeyi*). Presented by Robert Gardner, Esq.

15. 1 Grys-bok (*Calotragus melanotis*), ♂. Purchased.

16. 1 Leadbeater's Cockatoo (*Cacatua leadbeateri*). Presented by George M'Leay, Esq., F.Z.S.
1 Roseate Cockatoo (*Cacatua roseicapilla*). Presented by George M'Leay, Esq., F.Z.S.
1 Grey Crow Shrike (*Strepera anaphoneusis*). Presented by John Flexman, Esq.

18. 1 Marsh Harrier (*Circus æruginosus*). Purchased.

19. 1 Zebu (*Bos indicus*), ♀. Born in the Menagerie.

20. 2 Vulpine Phalangers (*Phalangista vulpina*), ♂. Born in the Menagerie.

22. 1 Nicobar Pigeon (*Calœnas nicobarica*). Hatched in the Gardens.
1 Crested Pigeon (*Ocyphaps lophotes*). Hatched in the Gardens.
1 Blue-winged Parrakeet (*Brotogerys tiriacula*). Presented by Mrs. M'Mullen.
2 Royal Pythons (*Python regius*). Presented by Mrs. Thomas Brassey, F.Z.S.
1 Sloth Bear (*Melursus labiatus*). Presented by Capt. A Morrel, R.N.

Sept. 24. 1 Sun-Bird (*Eurypyga helias*). Deposited.
25. 1 Black-crested Eagle (*Spizaëtus occipitalis*). Purchased.
1 Common Peafowl (*Pavo cristatus*). Presented by Lady Cranstoun.
26. 1 Common Camel (*Camelus dromedarius*), ♀. Purchased.
1 Korin (*Gazella rufifrons*), ♀. Purchased.
27. 2 Servals (*Felis serval*), ♂ and ♀. Presented by J. J. Monteiro, Esq., C.M.Z.S.
2 Persian Gazelles (*Gazella subgutturosa*), ♀. Presented by T. Kerr Lynch, Esq., F.Z.S.
1 Lion (*Felis leo*). Presented by T. Kerr Lynch, Esq., F.Z.S.
1 Superb Crested Eagle (*Spizaëtus ornatus*), ♀. From Costa Rica. Presented by Capt. Dow, F.Z.S.
28. 1 Patas Monkey (*Cercopithecus ruber*). Presented by Clement P. Penny, Esq.
29. 1 Two-toed Sloth (*Cholœpus hoffmanni*?), from Panama. Purchased.

Oct. 1. 1 Bengalese Leopard Cat (*Felis bengalensis*). Presented by Charles J. Sturt, Esq.
2. 1 Pair Swinhoe's Pheasants (*Euplocamus swinhoii*). Deposited.
2 Pallas's Eared Pheasants (*Crossoptilon auritum*). Deposited.
2 Rough-legged Buzzards (*Archibuteo lagopus*). Presented by Capt. Stuart.
4. 1 West-African Python (*Python sebæ*). Presented by Mr. C. Czarnikow, F.Z.S.
6. 1 Cape Ant-Bear (*Orycteropus capensis*), ♀. Purchased.
1 Aard Wolf (*Proteles cristatus*). Purchased.
7. 2 Common Chameleons (*Chamæleon vulgaris*). Presented by Mr. G. Bashford.
8. 1 Philantomba Antelope (*Cephalophus maxwellii*). Born in the Menagerie.
1 Mooruk (*Casuarius bennettii*). Purchased.
9. 1 Grey Parrot (*Psittacus erithacus*). Presented by Miss Paget.
11. 1 Common Buzzard (*Buteo vulgaris*). Presented by John Susini, Esq.
2 Horned Vipers (*Cerastes hasselquistii*). Received in exchange.
12. 4 Sand-Asps (*Vipera ammodytes*). Received in exchange.
1 Grizzled Spider Monkey (*Ateles grisescens*), ♂. Purchased.
1 Macaque Monkey (*Macacus cynomolgus*), ♂. Presented by the Rev. F. E. Durnford.
13. 1 Cinereous Sea-Eagle (*Haliaëtus albicilla*). Presented by R. Albay, Esq.
1 Squirrel Monkey (*Callithrix sciureus*), ♀. Presented by F. G. H. Price, Esq.
14. 1 Bonnet-Monkey (*Macacus radiatus*), ♂. Presented by Mr. Lucas.
1 Macaque Monkey (*Macacus cynomolgus*), ♂. Deposited.
2 Axis Deer (*Cervus axis*), ♂ and ♀. Presented by Mrs. Morison.
3 Crested Ground-Parrakeets (*Calopsitta novæ hollandiæ*). Presented by Dr. J. S. Tulloch, F.Z.S.
15. 1 Chimpanzee (*Troglodytes niger*), ♀. Deposited.
2 Caspian Emys (*Emys caspica*). Purchased.
2 Mócassin Snakes (*Tropidonotus fasciatus*). Purchased.
1 Say's Snake (*Coronella sayi*). Purchased.

Oct. 16. 2 Eye-browed Guans (*Penelope superciliaris*). Presented by Edward Harris, Esq.
1 Bay Antelope (*Cephalophus dorsalis*), ♀, from the Gold Coast. Presented by C. B. Mosse, Esq.
1 Two-spotted Paradoxure (*Nandinia binotata*), from the Gold Coast. Presented by C. B. Mosse, Esq.
1 Brush-tailed Porcupine (*Atherura africana*), from the Gold Coast. Presented by C. B. Mosse, Esq.
17. 1 Spotted Cavy (*Cœlogenys paca*). Presented by Mrs. Hairby.
18. 1 Vervet Monkey (*Cercopithecus lalandii*). Presented by the Rev. H. H. Woods.
19. 1 Grey Ichneumon (*Herpestes griseus*). Presented by Capt. Spencer.
1 Bonnet-Monkey (*Macacus radiatus*). Presented by Mr. J. Hutchinson.
20. 1 Laughing Kingfisher (*Dacelo gigantea*). Presented by W. Worsfold, Esq.
22. 1 Common Barn-Owl (*Strix flammea*). Presented by E. H. Denison, Esq.
23. 1 Macaque Monkey (*Macacus cynomolgus*). Presented by Mrs. Goodall.
25. 1 Vervet Monkey (*Cercopithecus lalandii*). Deposited.
1 Yellow Baboon (*Cynocephalus babouin*). Deposited.
2 Ring-necked Parrakeets (*Palæornis torquata*). Presented by Mr. J. Keene.
27. 1 Common Barn-Owl (*Strix flammea*). Presented by Thomas Johnson, Esq., F.Z.S.
1 Kit Fox (*Canis velox*). Presented by A. Shoobridge, Esq.
30. 1 Green Glossy Starling (*Lamprocolius chalybeus*). Presented by N. L. Austen, Esq., F.Z.S.
1 Black Bear (*Ursus americanus*). Deposited.

Nov. 1. 1 Clapperton's Francolin (*Francolinus clappertonii*). Purchased
1 Collared Fruit-Bat (*Cynonycteris collaris*). Purchased.
1 Quebec Marmot (*Arctomys empetra*). Presented by Norman Kerr, Esq., M.D.
2. 1 Rhesus Monkey (*Macacus erythræus*), ♂. Presented by J. Stillwell, Esq., F.Z.S.
1 Wonga-wonga Pigeon (*Leucosarcia picata*). Presented by C. H. Wigram, Esq.
3. 1 Great Eagle-Owl (*Bubo maximus*). Received in exchange.
2 Canadian Beavers (*Castor canadensis*). Deposited.
2 Canada Geese (*Bernicla canadensis*). Deposited.
1 Duck-Falcon (*Falco anatum*). Deposited.
4. 1 Common Jackal (*Canis aureus*), ♂. Presented by Captain Gallicher.
1 Coati, brown variety (*Nasua nasica*), ♀. Presented by Capt. J. Thwaites.
5. 1 Indian Leopard (*Felis leopardus*), ♀. Presented by Capt. Arthur Hazlerigg.
1 South-American Rat-Snake (*Spilotes variabilis*). Presented by Mr. Hounslow.
9. 1 Brazilian Hang-nest (*Icterus jamaicai*). Purchased.
10. 1 Great Eagle-Owl (*Bubo maximus*). From China. Presented by Dr. Somerville.
11. 1 Red and Blue Macaw (*Ara macao*). Presented by J. P. Wilson, Esq., F.Z.S.

Nov. 11. 1 Blackbird (*Turdus merula*). Presented by the Hon. H. M. Best.
3 Chinese Silk Fowls (*Gallus domesticus*). Presented by Lady Alcock.
12. 2 Laughing Kingfishers (*Dacelo gigantea*). Presented by the Acclimatization Society of Queensland.
2 Indian Leopards (*Felis leopardus*), ♂ and ♀. Presented by Henry Bayley, Esq.
15. 1 Kingfisher (*Alcedo ispida*). Presented by Mr. J. W. Harrison.
16. 2 Common Hares (*Lepus europæus*). Purchased.
1 Barraband's Parrakeet (*Polytelis barrabandii*). Presented by George Cooke, Esq.
17. 1 Cape-Crowned Crane (*Balearica regulorum*). Presented by R. R. Juler, Esq.
1 Vervet Monkey (*Cercopithecus lalandii*), ♀. Presented by R. R. Juler, Esq.
1 Chacma Baboon (*Cynocephalus porcarius*), ♂. Presented by Alexander Sinclair, Esq.
1 White-tailed Gnu (*Catoblepas gnu*), ♂. Deposited.
2 White-handed Gibbons (*Hylobates lar*), ♂ and ♀. Presented by G. S. Rodon, Esq.
18. 1 Emu (*Dromæus novæ hollandiæ*). Presented by the Viscount Hill, F.Z.S.
1 Crested Ground-Parrakeet (*Calopsitta novæ hollandiæ*). Hatched in the Gardens.
19. 1 Grison (*Grisonia vittata*), ♀. Purchased.
20. 1 Palm-Squirrel (*Sciurus palmarum*). Presented by J. Hill, Esq.
1 Macaque Monkey (*Macacus cynomolgus*), ♂, from Sumatra. Presented by L. T. Hyde Martin, Esq.
22. 1 Water-Rail (*Rallus aquaticus*). Purchased.
1 Mountain-Finch (*Fringilla montifringilla*). Purchased.
23. 2 Nylghaies (*Portax picta*). Born in the Menagerie.
1 Variable Skunk (*Mephitis varians*). Purchased.
1 Pennsylvanian Buzzard (*Buteo pennsylvanicus*). Purchased.
24. 1 Vervet Monkey (*Cercopithecus lalandii*), ♂. Presented by C. S. Robinson, Esq.
25. 1 Japanese Dove (*Turtur chinensis*). Received.
30. 1 Bennett's Wallaby (*Halmaturus bennettii*), ♀. Presented by R. C. Ross, Esq.

Dec. 4. 1 White-fronted Capuchin Monkey (*Cebus albifrons*), ♀. Deposited.
4 Yellow-footed Water Tortoises (*Emys flavipes*). Presented by the Rev. Basil Wilberforce.
2 Laniarian Water-Tortoises (*Emys laniaria*). Presented by the Rev. Basil Wilberforce.
6. 1 Bonnet-Monkey (*Macacus radiatus*), ♀. Presented by J. Norris, Esq.
1 Red Kangaroo (*Macropus rufus*). Born in the Menagerie.
1 Common Genet (*Genetta vulgaris*). Deposited.
7. 1 Stock-Dove (*Columba œnas*). Presented by John Attlee, Esq.
1 Rock-Pigeon (*Columba livia*). Presented by John Gould, Esq., F.Z.S.
8. 2 Clapperton's Francolins (*Francolinus clappertonii*). Presented by Capt. W. H. Strachan.

Dec. 9. 1 Honey-Buzzard (*Pernis apivorus*). Presented by James D. Nicol, Esq.
10. 2 Wigeons (*Mareca penelope*). Purchased.
11. 1 Eland (*Oreas canna*). Born in the Menagerie.
1 Grey Parrot (*Psittacus erithacus*). Presented by G. A. Wilde, Esq.
1 Black-billed Tree-Duck (*Dendrocygna arborea*). Purchased.
13. 1 Common Boa (*Boa constrictor*). Purchased.
1 Globose Curassow (*Crax globicera*), ♀. Purchased.
1 Ocelot (*Felis pardalis*), ♂. Purchased.
1 White-fronted Capuchin Monkey (*Cebus albifrons*), ♂. Purchased.
3 Tigers (*Felis tigris*). Born in the Menagerie.
16. 1 Ouakari Monkey (*Pithecia ouakari*), ♀. Deposited.
17. 1 Common Paradoxure (*Paradoxurus typus*). Deposited.
1 Macaque Monkey (*Macacus cynomolgus*), ♂. Presented by Mrs. W. Goslett.
18. 1 Hybrid Gayal (*Bos indicus*, ♂, and *Bos frontalis*, ♀). Born in the Menagerie.
20. 2 Macaque Monkeys (*Macacus cynomolgus*), ♂. Presented by Mr. R. Low.
3 Water-Rats (*Arvicola amphibius*). Presented by Mr. T. C. White.
21. 1 Laughing Kingfisher (*Dacelo gigantea*). Presented by Dr. Mueller, C.M.Z.S.
1 Black-backed Porphyrio (*Porphyrio melanotus*). Presented by Dr. Mueller, C.M.Z.S.
23. 1 Grey Ichneumon (*Herpestes griseus*). Presented by Mr. J. W. Batten.
3 Slaty Egrets (*Egretta gularis*). Purchased.
29. 1 Common Badger (*Meles taxus*). Deposited.